



Planning & Community Development

Tree Retention Calculation Worksheet

Site Address:

Worksheet Completed by:

Phone Number:

Notes: 1) If a tree is non-significant or documented as hazardous do not include in retention and replacement calculations, label as non-significant or hazardous in the Replace column. 2) Up to 6 significant trees can be exempted from replacement requirements.

Map#	Tree Species/Name	DBH (in)	Significant	Remove?	Replace? (count)	Notes
Ex.A	Western Red Cedar	22	Y	Y	3	
Ex.B	Big Leaf Maple	10	N	Y	na	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

Tree Calculations	Count
A. # Significant Trees on Lot/Site	
B. # Significant Trees To Be Removed	
Retention $((A-B)/A)*100$ (Min 20%)	
Exempt from Replacement*	
Trees Requiring Replacement	
Total # Replacement Trees	

Tree Replacement per SMC 20.50.360(C)

Coniferous (C) Trees

*0" - 7" = non-significant

8" - 10" = 1 replacement tree

11" - 13" = 2 replacement trees

14" and greater = 3 replacement trees

Deciduous (D) Trees

*0" - 11" = non-significant

12" - 14" = 1 replacement tree

15" - 17" = 2 replacement trees

18" and greater = 3 replacement trees

Significant Tree - Any healthy, windfirm, and nonhazardous tree eight inches or greater in diameter breast height if it is a conifer and 12 inches or greater in diameter at breast height if deciduous.

DBH – Diameter of tree at breast height. Generally this is a point 4 and ½ feet above average grade.

Note: This worksheet is provided as an aid and is for informational use only. It is not a substitute for the Shoreline Municipal Code or the Shoreline Development Code.